

CLAIMS

What is claimed is:

1. An interface definition comprising:
 2. an electrical signal set definition;
 3. a mechanical and electrical definition for a memory card;
 4. an associated memory card signal and mechanical specification for a memory card; and
 5. a mechanical definition for cables compatible with an interface socket.
1. 2. The interface definition of claim 1 wherein the electrical signal set definition comprises eight DPUSB signals, one reserved signal, a write protect signal and a card detect signal.
1. 2. 3. The interface definition of claim 2 wherein pin assignments are mapped to digital pins using DPUSB signals.
1. 2. 3. 4. An interface socket comprising:
 2. a signal set that defines a peripheral port, a host port, a write-protect signal; and
 3. a form factor that is equivalent to a secure digital card.
1. 2. 5. The interface socket of claim 4 wherein the electrical signal set definition comprises eight DPUSB signals, one reserved signal, a write protect signal and a card detect

3 signal.

1 6. The interface socket of claim 5 wherein pin assignments are mapped to digital
2 pins using DPUSB signals.

1 7. The interface socket of claim 5 wherein the socket can be interfaced to both a
2 USB host device and a USB peripheral device.